

# Recovery Plan Action Status

Plan Name: Fassett's Locoweed

Plan Status: Final

Plan Date: 29-Mar-91

Lead Agency: USFWS

Lead Office: Green Bay Ecological Services Field Office

(920)

866-1717 )

Species	Action Priority #	Action #	Action Description	Action Status	Est. Initiation Date	Est. Completion Date	Responsible Parties	Work Type	Labor Type	Action Comments
Fassett's locoweed (Oxytropis campestris var. chartacea)	1	1	Pursue highest level of land protection	Ongoing Current	Prior to FY 1995		Wisconsin Department of Natural Resources, U.S. Fish and Wildlife Service, Office of Endangered Species	Acquisition: Fee Title	Internal Technical Assistance	Est. project cost for years 1-3 of recovery is \$381,000. In 2010, the Wisconsin DNR purchased 98.8 acres of land including 800 ft. of shoreline along Weymouth Lake (Waushara County) which will contribute to the recovery of Fassett's Locoweed at this site. The 2010 land acquisition was supported by a USFWS Non-Traditional Section 6 land acquisition grant for \$165,000.
Fassett's locoweed (Oxytropis campestris var. chartacea)	2	2	Develop and initiate management programs at each site	Ongoing Current	Prior to FY 1995		Wisconsin Department of Natural Resources, U.S. Fish and Wildlife Service, Office of Endangered Species	Management: Habitat Maintenance and Manipulation	Internal Field Assistance	Action Duration: May require additional time. Cost estimate under FY 1994 actually covers FY 1994-2003. Nuisance plants monitored annually at least some sites. Nuisance control done at Plainfield and Pickeral Lake sites in 2011 and previous years.

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Fassett's locoweed (Oxytropis campestris var. chartacea)	2	3	Monitor existing populations	Ongoing Current	FY 2006		Wisconsin Department of Natural Resources, U.S. Fish and Wildlife Service, Office of Endangered Species	Research: Population Surveys	Contract, Internal Technical Assistance	Est. project cost for years 4-10 of recovery is \$44,000. Cost Estimate under FY 1994 actually covers FY 1994-2003. WDNR conducts surveys, sometimes w the help of researchers. Dr. Kama Almasi (UW-Stevens Point) surveyed populations at Plainfield and Pickeral Lakes in 2006 (funded via S6). In 2009 surveys done at Plainfield, Pickerel, Pigeon and Mountain Lakes. In 2010 surveys indicate population numbers similar to 2009 except at Pigeon Lake where numbers are expanding. In 2011 Pickeral and Plainfield Lakes populations were monitored by Tracy Feldman, UW-Stevens Point, WI; populations stable compared with 2010 with marked increase in seedling numbers likely due to higher water levels.

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Fassett's locoweed (Oxytropis campestris var. chartacea)	3	4	Survey suitable habitat for additional populations	Ongoing Current	Prior to FY 1995		Wisconsin Department of Natural Resources, U.S. Fish and Wildlife Service, Office of Endangered Species	Research: Population Surveys	Contract	Cost Estimate under FY 1994 actually covers FY 1994-2003. Searches were conducted for FL in NW WI by WDNR contractor in 2006 (\$4,250.00 of S6 funding). In 2007 Dan Spuhler conducted searches for locoweed in Bayfield County, WI. In 2009 a new site, Deer Print Lake was found in Douglas County, WI. In 2010 surveys were conducted at historical and new sites in central WI; no new sites were found in central WI. In 2010 surveys are also being conducted in Douglas County; surveys are on-going with no new sites found to date.
Fassett's locoweed (Oxytropis campestris var. chartacea)	3	5	Develop and distribute educational materials	Ongoing Current	Prior to FY 1995		Wisconsin Department of Natural Resources, U.S. Fish and Wildlife Service, Office of Endangered Species	Other: Information and Education	Internal Technical Assistance	Total project cost est. at \$425,000 and may require additional time. Cost Estimate under FY 1994 actually covers FY 1994-2003. WDNR has produced a fact sheet on Fassett's locoweed as well as a "wild card" which are continually available to the public.

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Fassett's locoweed (Oxytropis campestris var. chartacea)	2	611, 612, 62-65	Conduct research on selected aspects of the biology and ecology of Fassett's locoweed	Ongoing Current	FY 2006		Wisconsin Department of Natural Resources, U.S. Fish and Wildlife Service, Office of Endangered Species	Research: Competition, Research: Demographic Studies, Research: Population Surveys	Contract, Internal Field Assistance	Cost Estimate under FY 1994 actually covers FY 1994-2003. In FY 2006 Dr. Kama Almasi of the UW-Stevens Point began population and invasive plant research at Fassett's locoweed sites on Pickeral and Plainfield Lakes in WI funded by FWS S6 monies(\$5,000 of S6 funding). Population and invasive plant work continued in 2007 (by Dr. Kama Almasi), in 2008 (by WDNR) and in 2009, 2010 and 2011 by Tracy Feldman (UW-Stevens Point) on population, life history, and nuisance plant research on Plainfield and Pickeral Lakes. Past research includes genetics study by Melissa Chung, UW-Madison, completed 5/1/2000.